



COMMONWEALTH of VIRGINIA

Department of Health DIVISION OF SHELLFISH SANITATION

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LOCKLIES AND MILL CREEKS

Growing Area # 031
Middlesex County
Shoreline Sanitary Survey

Date: 23 February 2004

Survey Period: December 3, 2003 - January 14, 2004

Total Number of Properties Surveyed: 401

Surveyed By: G.A. Wood

SECTION A: GENERAL

This survey area extends from Reference Point 32 at the Norris Bridge on Route 3 to Reference Point 33 at the end of Route 628, including the Rappahannock River shoreline between these two points, Locklies Creek, Mill Creek, Duck Pond and all of their tributaries.

The topography varies in elevation from 10 feet around the shoreline to a maximum of 60 feet at the outer edge of the survey boundary. The population density is moderate with concentrations of summer/weekend homes along the shoreline. The economy is based on recreational boating and fishing and agriculture.

Meteorological data indicated that 4.51" of rain fell from December 3-31, 2003, and 0.63" fell from January 1-14, 2004, for a total of 5.14" inches of rain during the period of the survey.

The current restrictions on shellfish harvesting are Condemned Shellfish Area #102, Locklies Creek, effective January 25, 2001, and Condemned Shellfish area #103, Mill Creek, effective December 10, 1991. Copies for Bacteriological, Hydrographic and Shellfish Closure data are available at the area office for review. Copies of the current condemnation notices and maps are available via the internet at <http://www.vdh.virginia.gov/environmentalhealth/shellfish/>.

Information in this report is gathered and used primarily by the Division of Shellfish Sanitation, Virginia Department of Health, in order to fulfill its responsibilities of shellfish growing area supervision and classification. Data in the report are also made available to other agencies participating in shellfish program activities and other interested parties.

Report copies are provided to the local health department for corrective action of deficiencies listed on the summary page in Section B. 2. and B. 3., and the Department of Environmental Quality, Water Regional Office for possible action at properties listed on the summary page in Section B.1.

This report lists only those properties that have a sanitary deficiency or have other environmental significance. Individual field forms with full information on properties listed in this

report are on file in the Richmond office of the Division of Shellfish Sanitation and are available for reference until superseded by a subsequent survey of the area.

SECTION B: SEWAGE POLLUTION SOURCES

SEWAGE TREATMENT FACILITIES

-None-

ON-SITE SEWAGE DEFICIENCIES

1. CONTRIBUTES POLLUTION – Location: 57 Pinetop Road, Topping 23169. Dwelling - White brick 1 story with black shutters. No contact. Effluent to ground surface. Sanitary Notice issued 12-3-03 to field #13.
6. CONTRIBUTES POLLUTION - Location: 188 Masons Cove Lane, Topping 23169. Dwelling - White recreational vehicle with blue stripe. 1 person. Effluent to ground surface at hose connection. Sanitary Notice issued 12-8-03 to field #98.
7. CONTRIBUTES POLLUTION - Location: 30 Hawk Lane, Topping 23169. Dwelling - Gray block 1 story with red shutters. 1 person. Effluent to ground surface at septic tank. Sanitary Notice issued 12-8-03 to field #136.
18. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) - Location: 226 Locust Point Lane, Wake 23176. Owner: 6667 Rural Point Road, Mechanicsville 23116. 2 persons. Laundry waste to ground surface. Sanitary Notice issued 1-12-04 to field #345.

POTENTIAL POLLUTION

14. Elizabeth J. Bonta and Johnnie R. Tipton, Jr., 1794 Regent Road, Topping 23169. Dwelling - Red brick 1 story with white shutters and trim. 1 person. Hose to backyard swale once used for laundry waste. Owner says the drain is no longer used and there was no evidence of discharge at time of inspection.

SECTION C: NON-SEWAGE WASTE SITES

INDUSTRIAL WASTES

-None-

SOLID WASTE DUMPSITES

15. Joe's Custom Auto, 1714 Regent Road, Topping 23169. Business - auto repair shop and junk yard. 1 employee. Approximately 3 acres of junked vehicles, including autos, school buses, trucks and tractors, and a wide variety of vehicle parts (e.g., radiators, transmissions, engines, fuel tanks, batteries, drive shafts, etc.).

SECTION D: BOATING ACTIVITY

MARINAS

4. Locklies Marina, 784 Locklies Road, Topping 23169. Commercial marina. 2 employees. This facility suffered extensive damage during Hurricane Isabel in September 2003. Only about 1/3 of the marinas approximately 60 moorings were accessible and usable. Present at the time of survey were 5 work boats between 19 and 26 feet, 5 work boats between 26 and 39 feet, 1 pleasure boat less than 19 feet and 3 pleasure boats between 19 and 26 feet. 1 pleasure boat between 19 and 26 feet was in dry storage. Boating

services provided are marine supplies, groceries, water and electricity. The in-out ramp was damaged by the storm and not usable at inspection. The fuel dock was damaged by the storm and not accessible at inspection. Sanitary facilities were closed for the season but include 1 commode and 1 lavatory for men and 1 commode and 1 lavatory for women. The pump-out service was not available due to storm damage. A dump station was available. Waste is disposed of in a drainfield that appeared to be working satisfactorily at inspection.

9. Morton E. Clarke Marine Railway and Marina, adjacent 3085 Regent Point Road, Topping 23169. Commercial Marina. 2 employees. 22 slips/moorings. Present at the time of survey were 8 pleasure boats between 19 and 26 feet; 10 pleasure boats between 26 and 39 feet; 1 pleasure boat greater than 39 feet; 1 work boat between 19 and 26 feet; 1 work boat between 26 and 39 feet, and; 1 work boats greater than 39 feet. 1 pleasure boat between 19 and 26 feet was also in dry storage. Boating services are water, electricity, marine railway for repairs, and a ramp. Sanitary facilities are 1 commode and 1 lavatory for men and 1 commode and 1 lavatory for women. These facilities were not in use during at survey, having been closed for the winter. Waste is disposed of in a drainfield that appeared to be in good condition at the time of the survey.
10. Mildred H. Clarke Marina, opposite 3046 Regent Point Road, Topping 23169. Owner: P.O. Box 131, Topping 23169. Commercial Marina. No contact. No vessels present at survey. Facilities were apparently in poor repair and then damaged further by Hurricane Isabel. The marina appeared to be unoccupied and unused. Remnants of a marine railway still exist. Water and electricity may have been recently available but there are no current boating or sanitary services available.
11. Regent Point Marina, Regent Point Drive, Topping 23169. Owner: P.O. Box 129, Topping 23169. Commercial marina. 2 employees. 132 slips/moorings. Present at survey were 22 pleasure boats between 19 and 26 feet and 85 pleasure boats between 26 and 39 feet. 1 state patrol boat between 19 and 26 feet was also moored at this facility. 31 dinghies were present in dry storage. Boating services are water, electricity and a ramp. Sanitary facilities are 2 commodes, 1 urinal, 2 lavatories and 2 showers for men; 3 commodes, 2 lavatories and 2 showers for women. Pump out and a dump station are also available. Waste is disposed of in a series of drainfields that appeared to be in good working order at survey.

OTHERS PLACES WHERE BOATS ARE STORED

5. Middlesex County Public Dock, end of Locklies Creek Road (Rt. 621). Owner: Middlesex County, c/o County Administrator, P.O. Box 428, Saluda 23149. Public landing. No contact. Present at time of survey were 3 work boats between 26 and 39 feet. No other boating services provided at this location. Sanitary facilities provided are 1 vault privy for men and 1 vault privy for women. Vault privies are used as a dump station. Portable pump-out equipment was stored in a locker next to the privies, but it appeared to be inoperable.
8. Locklies Point Subdivision, 686 Mason's Cove Road, Topping 23169. Richard Krinsky, 2301 South Jefferson Davis Hwy, # 927, Arlington 22202. Community boat dock. No contact. 10 moorings. Present at the time of survey were 7 recreational boats between 19 and 26 feet. There are no boating services or sanitary facilities provided at this location.

12. Location: 226 Locust Point Lane, Wake 23176. adjacent to 256 Winding Trail Lane, Topping 23169. Owner: 4901 West Marshall Road, Richmond 23230. Community boat ramp and pier. No contact. 6 moorings. No vessels present at survey. Boating services are a ramp, electricity and water. Sanitary facilities are available at this site, but were locked at the time of survey and inaccessible for inspection. Waste is disposed of in a drainfield that appeared in good working order at the time of survey. No pump-out or dump station available at this site.
19. Mill Creek Ramp, end of SR 626. Owner: Virginia Department of Game and Inland Fisheries, 4010 West Broad Street, Richmond 23230. Public boat ramp and pier. No contact. 8 moorings. Present at the time of survey was one recreational boat less than 19 feet in length. The ramp at this location was damaged by Hurricane Isabel in September 2003 and was closed for repairs. No boating services or sanitary facilities are available at this location.

UNDER SURVEILLANCE

2. Beverly Beach Association, end of Toney Avenue, Topping 22169. Owner: Beverly Beach Association, 5930 New Kent Highway, Quinton 23141. Community boat ramp and pier. No contact. The ramp and the moorings were severely damaged by Hurricane Isabel in September 2003. No services or sanitary facilities of any kind are available at this location.

SECTION E: CONTRIBUTES ANIMAL POLLUTION

3. Location: 226 Locust Point Lane, Wake 23176. 2966 Greys Point Road, Topping 23169. Dwelling- Brown brick 1 story with white trim. No contact. Present at the time of survey were 8 horses within 100 yards of the Rappahannock River. Manure rots in fields.
13. Location: 226 Locust Point Lane, Wake 23176. 2646 Regent Road, Topping 23169. Dwelling- Grey vinyl siding 2-story with red shutters. 4 persons. Present at the time of survey were 17 hogs and 1 horse within 1/4 mile of Mill Creek. Manure rots in field.
16. Location: 226 Locust Point Lane, Wake 23176. 183 Barrack Mill Road, Topping 23169. 6 goats in a fenced pasture within 3/4 mile of Mill Creek. Manure rots in field.
17. Location: 645 Blue Barn Road, Wake 23176. Owner: 932 Twiggs Ferry Road, Hartfield 23071. Dwelling- Red brick 1 story with black shutters and white trim. No contact. 5 cows and 2 horses with 100 yards of Mill Creek.

SUMMARY

Area # 031
Rappahannock River: Locklies and Mill Creek
23 February 2004

SECTION B: SEWAGE POLLUTION SOURCES

1. SEWAGE TREATMENT FACILITIES

0 – DIRECT – None
0 – INDIRECT – None
0 – B.1. TOTAL

2. ON-SITE SEWAGE DEFICIENCIES - Correction of deficiencies in this section is the responsibility of the local health department.

0 – CONTRIBUTES POLLUTION, DIRECT – None
3 – CONTRIBUTES POLLUTION, INDIRECT – # 1, 6, 7
0 – CP(Kitchen or Laundry Wastes), DIRECT – None
1 – CP(Kitchen or Laundry Wastes), INDIRECT – # 18
0 – NO FACILITIES, DIRECT – None
0 – NO FACILITIES, INDIRECT – None
4 – B.2. TOTAL

3. POTENTIAL POLLUTION - Periodic surveillance of these properties will be maintained to determine any status change.

1 – POTENTIAL POLLUTION – # 14

SECTION C: NON-SEWAGE WASTE SITES

1. INDUSTRIAL WASTE SITES

0 – DIRECT – None
0 – INDIRECT – None
0 – C.1. TOTAL

2. SOLID WASTE SITES

0 – DIRECT – None
1 – INDIRECT – # 15
1 – C.2. TOTAL

SECTION D: BOATING ACTIVITY

4 – MARINAS – # 4, 9, 10, 11
4 – OTHER PLACES WHERE BOATS ARE MOORED – # 5, 8, 12, 19
1 – UNDER SURVEILLANCE – # 2
9 – D. TOTAL

SECTION E: CONTRIBUTES ANIMAL POLLUTION

0 – DIRECT – None
4 – INDIRECT – # 3, 13, 16, 17
4 – E. TOTAL

76°27'0"W

76°26'0"W

76°25'0"W

37°37'0"N

37°37'0"N

37°36'0"N

37°36'0"N

37°35'0"N

37°35'0"N

37°35'0"N

37°35'0"N

Virginia Department of Health Division of Shellfish Sanitation

Locklies and Mill Creeks # 031 Shoreline Sanitary Survey

Middlesex County

Date: 23 February 2004
Survey By: G.S. Wood
Number of Properties Surveyed: 401



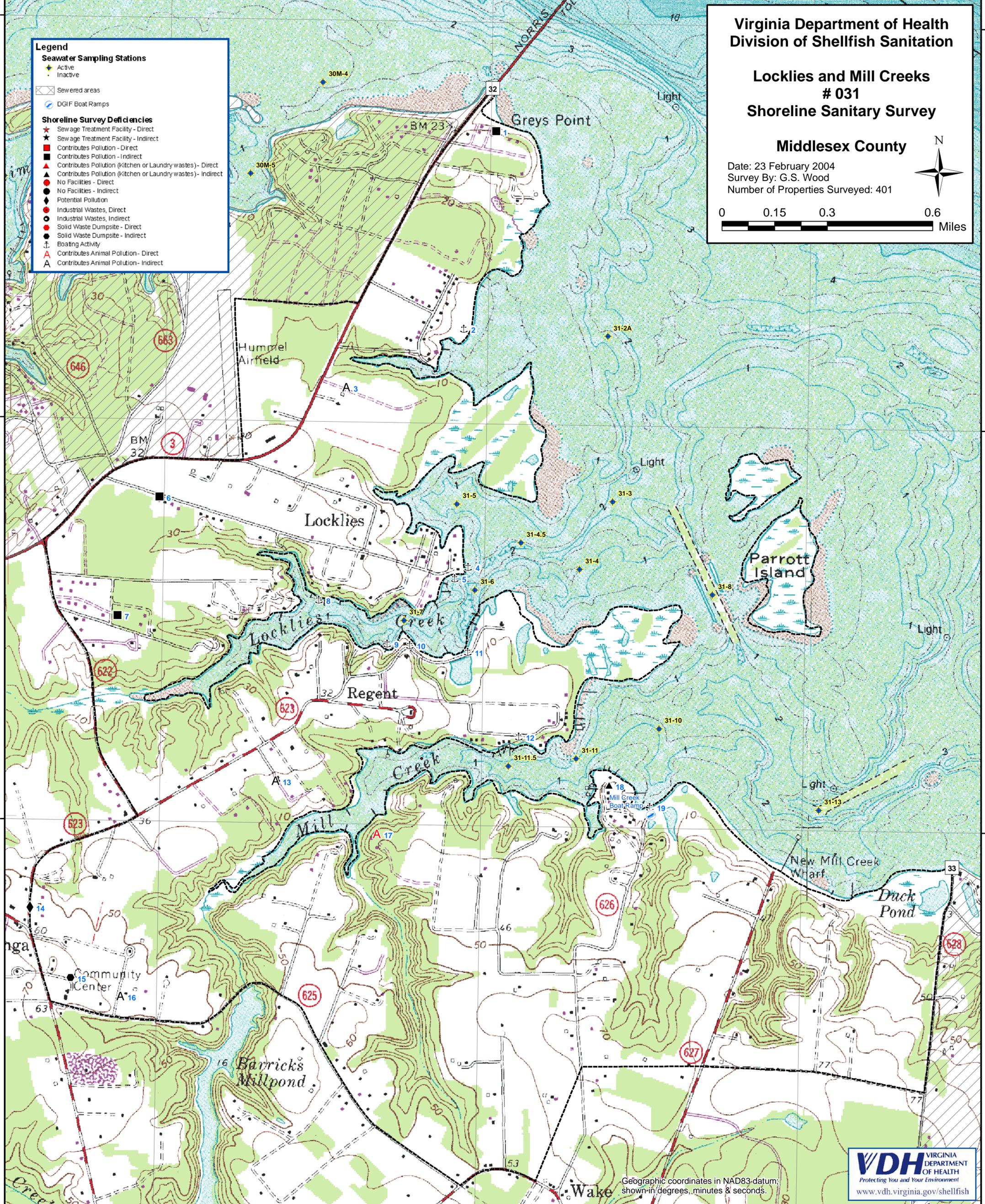
Legend

Seawater Sampling Stations

- Active (Yellow diamond)
- Inactive (Black diamond)

Shoreline Survey Deficiencies

- Sewered areas (Hatched box)
- DGIF Boat Ramps (Blue circle)
- Sewage Treatment Facility - Direct (Red star)
- Sewage Treatment Facility - Indirect (Black star)
- Contributes Pollution - Direct (Red square)
- Contributes Pollution - Indirect (Black square)
- Contributes Pollution (Kitchen or Laundry wastes) - Direct (Red triangle)
- Contributes Pollution (Kitchen or Laundry wastes) - Indirect (Black triangle)
- No Facilities - Direct (Red circle)
- No Facilities - Indirect (Black circle)
- Potential Pollution (Black diamond)
- Industrial Wastes, Direct (Red circle)
- Industrial Wastes, Indirect (Black circle)
- Solid Waste Dumpsite - Direct (Red circle)
- Solid Waste Dumpsite - Indirect (Black circle)
- Boating Activity (Black circle)
- Contributes Animal Pollution - Direct (Red circle)
- Contributes Animal Pollution - Indirect (Black circle)



Geographic coordinates in NAD83 datum, shown in degrees, minutes & seconds.

